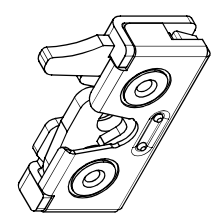
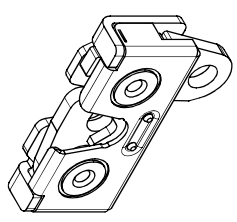


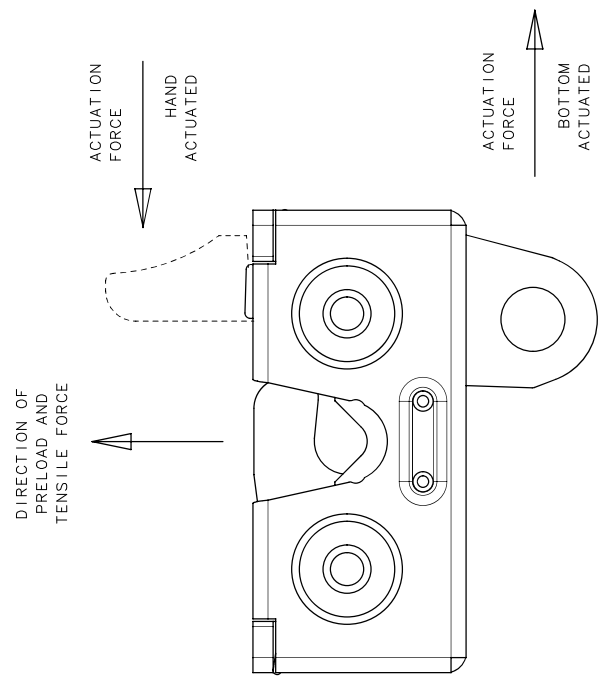
REVISION HISTORY			
REV	DATE	BY	DESCRIPTION
A	03JUL2018	AB/CSN	PRN : P2018-1608



HAND ACTUATED  
SCALE 1:1



BOTTOM ACTUATED  
SCALE 1:1



TYPE OF LATCH	AVERAGE TENSILE LOAD PRIMARY POSITION	AVERAGE TENSILE LOAD SECONDARY POSITION	AVERAGE FORCE TO ACTUATE LATCH	CYCLE LIFE AT 50N GASKET FORCE
SINGLE STAGE SS	2600N	-	9-15N	20,000
TWO STAGE SS	2600N	2000N	9-15N	20,000

NOTES:

- ACTUATION FORCE TESTS AND CYCLE TESTS WERE PERFORMED WITH STRIKER AT NOMINAL LATERAL POSITION (ZERO MISALIGNMENT) USING PART NUMBERS:  
R4-05-20-405-10, R4-05-20-505-10, R4-05-40-405-10, R4-05-40-505-10, R4-05-20-405-20, R4-05-20-505-20, R4-05-40-405-20, R4-05-40-505-20.
- AVERAGE TENSILE FORCE BEFORE FRACTURE OR STRIKER PULL OUT, SEE TABLE.
- AVERAGE TENSILE FORCE BEFORE STRIKER R4-90-0521-10 AND R4-90-0521-20 FRACTURE, 1900N.
- SCREW MOUNTING TIGHTENING TORQUE, MAXIMUM 8Nm.

SOUTHCO PERFORMANCE GUIDELINES  
THE PERFORMANCE GUIDELINES SHOWN ON THIS PAGE ARE SUPPLIED AS A GENERAL GUIDE ONLY, AS CONDITIONS VARY WITH EACH APPLICATION AND METHOD OF INSTALLATION. STRENGTH DATA GIVEN IS FOR FAILURE OF THE PRODUCT OR FOR SUFFICIENT DEFORMATION TO MAKE THE PRODUCT INOPERABLE. NO SAFETY FACTOR HAS BEEN APPLIED. IT IS RECOMMENDED THAT THE USER REQUEST A PRODUCT SAMPLE FOR TESTING TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR THE PURPOSE INTENDED AND USER'S PARTICULAR APPLICATION.

REF : TEST trR4-29377, trR4-29378, trR4-29379, trR-31154, trR4-31867.

THIRD ANGLE PROJECTION	
MILLIMETERS [ IN ]	
TOLERANCES UNLESS OTHERWISE NOTED	
SURFACE AREA	8655.25mm <sup>2</sup>
VOLUME	6019.24mm <sup>3</sup>
PROPRIETARY ITEM IN THE EVENT OF THEFT OR DISSEMINATION OF THIS INFORMATION TO UNAUTHORIZED PERSONS, SOUTHCO AND ITS AFFILIATES ARE NOT RESPONSIBLE FOR ANY DAMAGES OR LOSSES.	
PER ASME Y14.5M-1994	

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R4-05 SS TEST DATA SHEET

SIZE SYSTEM: A3 NX DWG NO.: TD-R4-05-SS-J

DATE: 03JUL2018 SCALE: 2:1 SHEET: 1 OF 1